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August 28, 2003



ATTORNEY DOCKET NO. 05595.0014  
CUSTOMER NO. 22,852

**Mail Stop Patent Application**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

New U.S. Patent Application

Title: OBSTACLE DETECTION DEVICE AND METHOD THEREFOR

Inventors and Residences: Hiroaki NAKAI, Tokyo, JAPAN

Hiroshi HATTORI, Tokyo, JAPAN

Nobuyuki TAKEDA, Tokyo, JAPAN

Kazunori ONOBUCHI, Tokyo, JAPAN

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 48 pages, including 5 independent claims and 17 claims total.
2. Drawings- 14 sheets of formal drawings containing Figures 1-14).
3. Certified copy of Japanese Application No. 2002-249782, filed August 28, 2002.
4. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with 5 documents attached.

5. The filing fee is calculated as follows:

Basic Application Filing Fee					\$750	\$ \$750.00
	Number of Claims		Basic	Extra Claims		
Total Claims	17	-	20		x \$18	
Independent Claims	5	-	3	2	x \$84	168.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$280	
Subtotal						\$ 918.00
Reduction by 1/2 if small entity						-
TOTAL APPLICATION FILING FEE						\$ 918.00

6. A check for \$918.00 is enclosed. The fee includes:

\$750.00 filing fee; and  
\$168.00 additional claims fee

This application is being filed under the provisions of 37 C.F.R. § 1.53(f). Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

Applicants claim the right to priority based on Japanese Application No. 2002-249782, filed August 28, 2002.

Please address all correspondence with respect to this application to:

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1300 I Street, N.W.  
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Please accord this application an application number and filing date.

Richard V. Burgujian  
August 28, 2003  
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DUNNER LLP

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By: 

Richard V. Burgujian  
Reg. No. 31,744

RVB/FPD/pan  
Enclosures

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